

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A fixed type constant velocity joint comprising:

an outer joint member having an inner spherical surface and ~~formed with~~ having axially extending ball grooves at circumferentially equispaced positions on the inner spherical surface;

an inner joint member having an outer spherical surface and ~~formed with~~ having axially extending ball grooves at circumferentially equispaced positions on the outer spherical surface;

balls disposed in wedge-shaped ball tracks defined by the ball grooves of the outer and inner ~~rings~~ joint members; and

a cage interposed between the inner spherical surface of the outer joint member and the outer spherical surface of the inner joint member to hold the balls,

~~said fixed type constant velocity joint being characterized in that~~ wherein ~~the~~ a torsional angle in a torque-torsional angle diagram is approximately 0 at the time of input torque 0 Nm.

2. (Currently Amended) A fixed type constant velocity joint comprising:

an outer joint member having an inner spherical surface and ~~having~~ formed with axially extending ball grooves at circumferentially equispaced positions on the inner spherical surface;

an inner joint member having an outer spherical surface and ~~having~~ formed with axially extending ball grooves at circumferentially equispaced positions on the outer spherical surface;

balls disposed in wedge-shaped ball tracks defined by the ball grooves of the outer and inner joint members; and

a cage interposed between the inner spherical surface of the outer joint member and the outer spherical surface of the inner joint member to hold the balls,

~~said fixed type constant velocity joint being characterized in that~~ wherein ~~the~~ a torsional rigidity in the vicinity of input torque 0 Nm in ~~the~~ a torque-torsional angle diagram is ~~put~~ in a range of 1.5 Nm/deg to 6 Nm/deg.

3. (Currently Amended) A fixed type constant velocity joint as set forth in Claim 1, ~~characterized in that~~ further comprising a pressing section which axially applies an elastic pressing force is ~~provided~~ disposed on the ~~an~~ inner joint member side, and the cage is

~~provided includes with~~ a receiving section which receives a pressing force from said pressing section.

4. (Currently Amended) A fixed type constant velocity joint as set forth in Claim 3, ~~characterized in that~~ wherein the ball tracks include an expanded side, and the elastic pressing force acts such that the inner joint member is pushed out to the expanded side of the ball tracks through the receiving section installed in the cage.

5. (Currently Amended) A fixed type constant velocity joint as set forth in Claim 1, ~~characterized in that~~ wherein said joint is used for steering devices.

6. (Currently Amended) A fixed type constant velocity joint as set forth in Claim 2, further comprising ~~characterized in that~~ a pressing section which axially applies an elastic pressing force is ~~provided disposed on the~~ an inner joint member side, and the cage is ~~provided includes with~~ a receiving section which receives a pressing force from said pressing section.

7. (Currently Amended) A fixed type constant velocity joint as set forth in Claim 6, ~~characterized in that~~ wherein the ball tracks include an expanded side, and the elastic pressing force acts such that the inner joint member is pushed out to the expanded side of the ball tracks through the receiving section installed in the cage.

8. (Currently Amended) A fixed type constant velocity joint as set forth in Claim 2, ~~characterized in that~~ wherein said joint is used for steering devices.

9. (Currently Amended) A fixed type constant velocity joint as set forth in Claim 3, ~~characterized in that~~ wherein said joint is used for steering devices.

10. (Currently Amended) A fixed type constant velocity joint as set forth in Claim 6, ~~characterized in that~~ wherein said joint is used for steering devices.

11. (Currently Amended) A fixed type constant velocity joint as set forth in Claim 4, ~~characterized in that~~wherein said joint is used for steering devices.

12. (Currently Amended) A fixed type constant velocity joint as set forth in Claim 7, ~~characterized in that~~wherein said joint is used for steering devices.